MD 41035

DVD Recorder

Quick Start Guide

This Quick Start Guide is meant to get you up and running with your new DVD recorder as quickly as possible. Please see the User's Manual for important safety information as well as detailed instructions for the use and care of your recorder.

1. Get Connected!

The following pages demonstrate some common set up scenarios. Before you begin, please read the following quick tips:

Most cables and AV connectors on your equipment follow a standard color code. Observing this color code can be very helpful when connecting your AV equipment.

We have provided many different options for audio and video connections so that you can choose the best for your needs. However, you only need one video connection and one audio connection between your DVD recorder and your TV.

If your antenna connection is attached to your DVD recorder, and your DVD recorder is attached to your TV with another antenna cable, you will be able to watch TV even if your DVD recorder is set to standby-mode.

Attaching your DVD recorder to a VCR and then attaching the VCR to the TV will produce very poor quality video and recordings. The DVD recorder should be attached directly to the TV.

Please unplug all devices from the power outlet before making or changing

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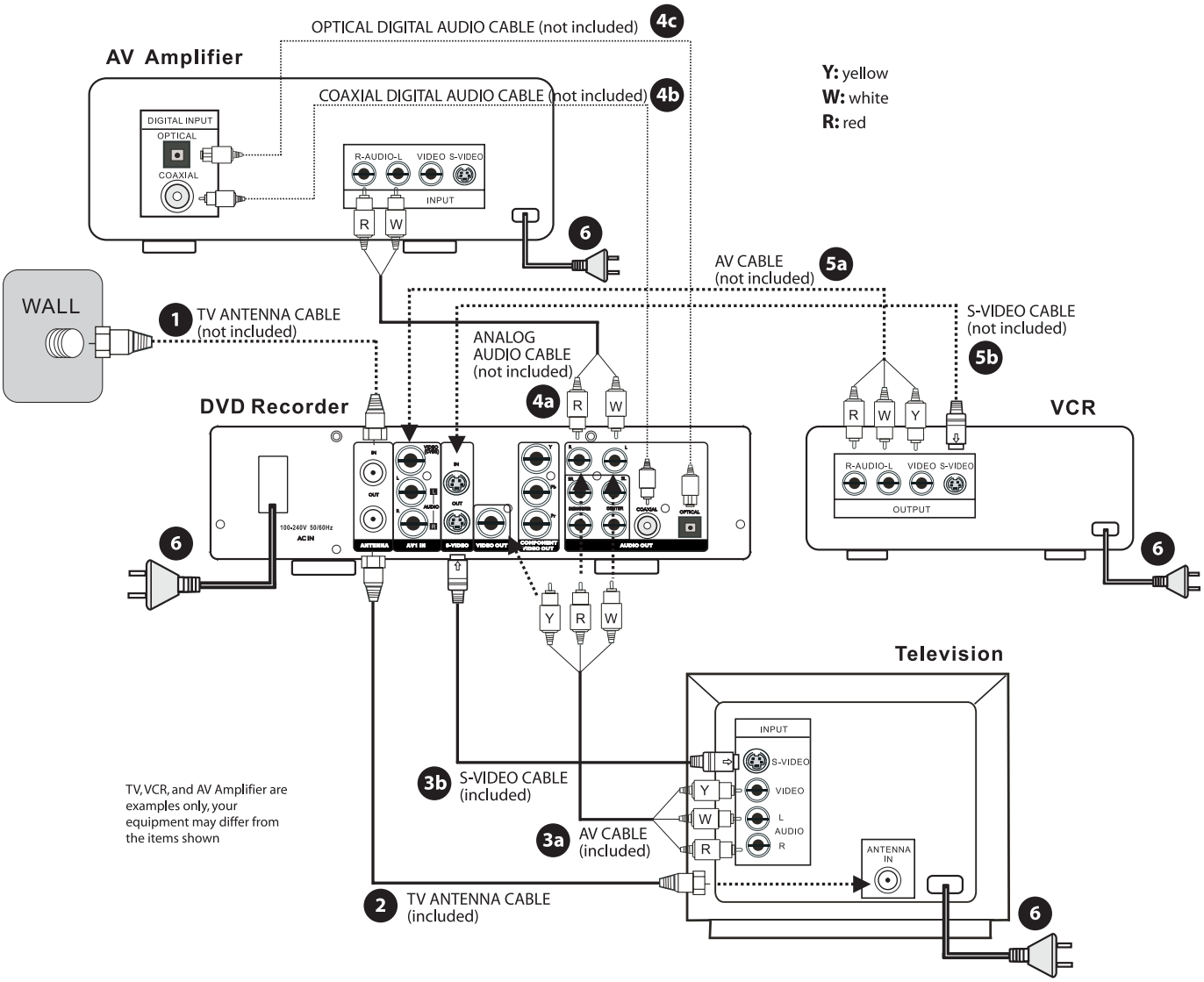
You Use a TV Antenna or Cable Connection Without a Cable Box



1. Connect a TV antenna cable from your wall outlet to ANTENNA IN on the DVD recorder.

2. Connect another TV antenna cable from ANTENNA OUT on the recorder to ANTENNA IN on your TV.

3a. Connect red, white, and yellow AV cable to your TV, and to VIDEO OUT, R, and L on the back of your recorder.

3b. For higher quality video, connect S-video cable to your TV's S-video in and the recorder's S-video out. You will need to make a separate audio connection. To hear sound from your TV, make an audio connection by following the instructions for 3a without the yellow video cable. To hear sound from speakers connected to an amplifier or receiver, follow the instructions for 4a, 4b, or 4c.

4a. For stereo sound through an amplifier, connect red and white audio cables from R and L on the back of the recorder to audio in on your amplifier.

4b. For digital surround sound, you can connect a coaxial digital audio cable between the recorder and your amplifier, or

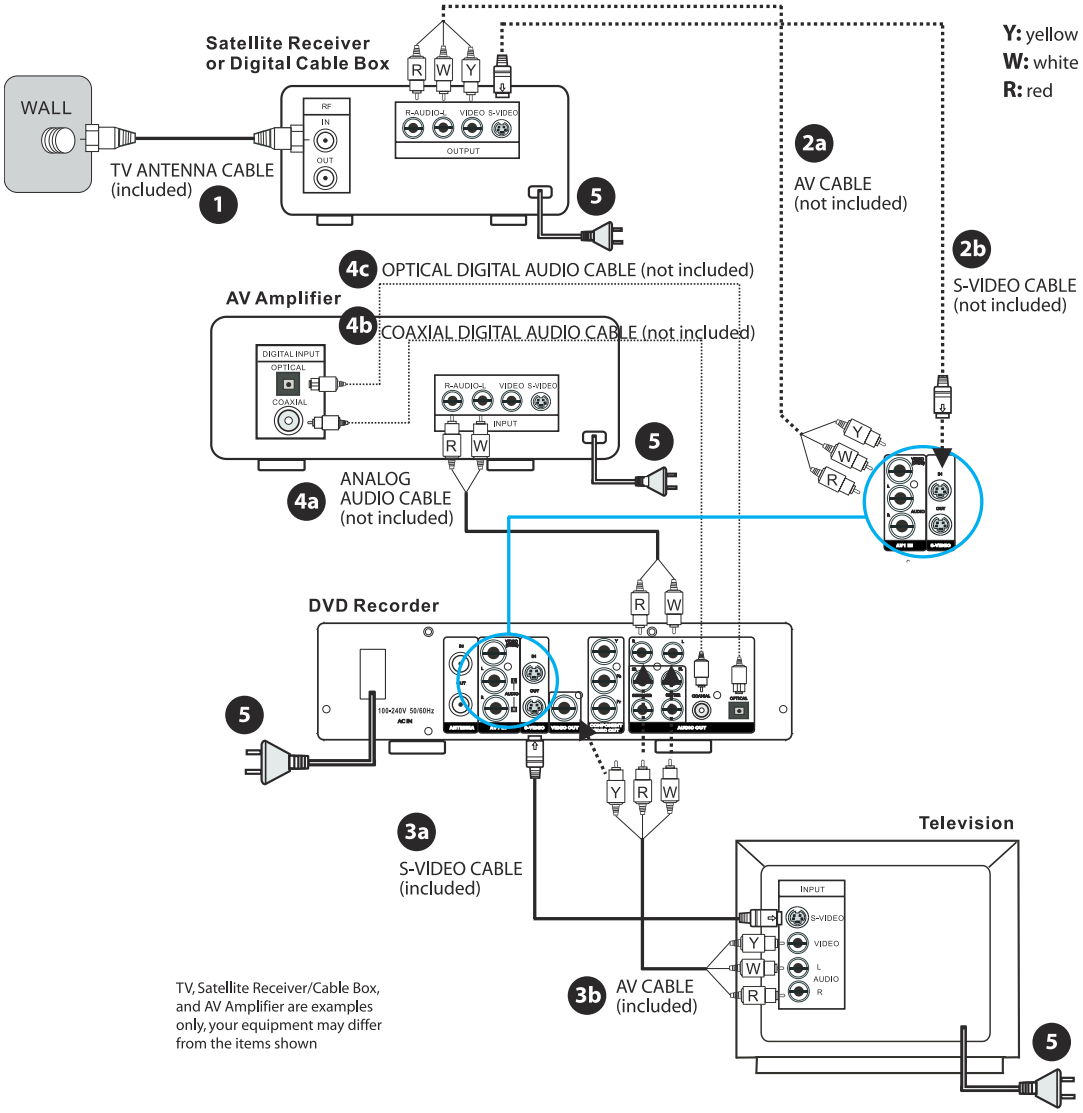
4c. Connect an optical digital audio cable between the recorder and your receiver.

5a. To connect a VCR, use another AV cable to connect to the AV1 IN connections on your recorder, or

5b. Connect S-video out on the VCR to S-video in on the recorder, using the audio connections from 5a.

6. Connect all power cords.

You Use a Satellite Receiver or Digital Cable Box



1. Connect a TV antenna cable from your wall outlet to ANTENNA IN on the DVD recorder.

2a. Connect red, white, and yellow AV cable from your cable box to the AV1 IN connections on your recorder, or

2b. For higher quality video, connect S-video cable from your cable box to S-video in on your recorder, using the audio connections from 2a to carry sound.

3a. Connect red, white, and yellow AV cable to your TV, and to VIDEO OUT, R, and L on the back of your recorder.

3b. For higher quality video, connect S-video cable to your TV's S-video in and the recorder's S-video out. You will need to make a separate audio connection. To hear sound from your TV, make an audio connection by following the instructions for 3a without the yellow video cable. To hear sound from speakers connected to an amplifier or receiver, follow the instructions for 4a, 4b, or 4c.

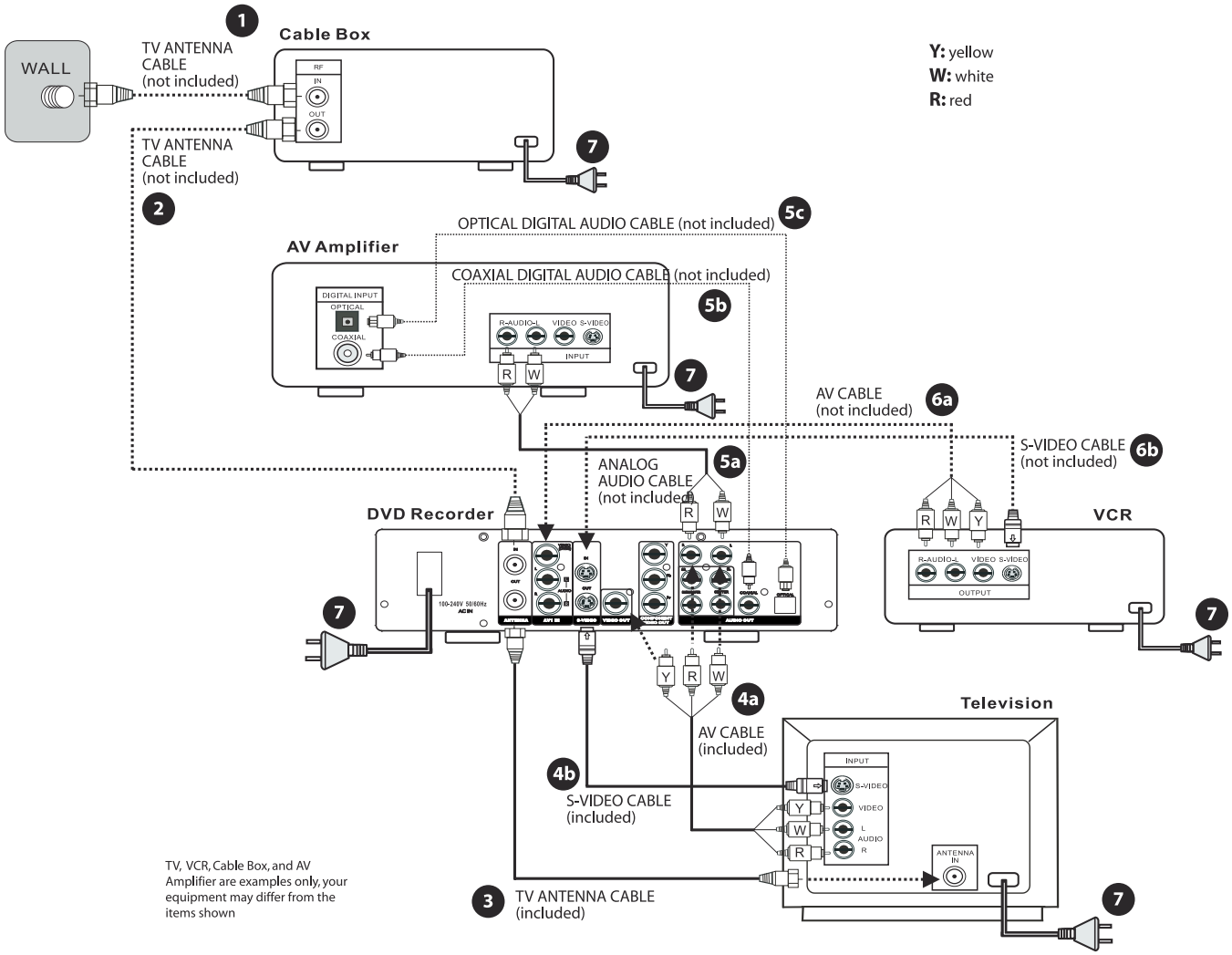
4a. For stereo sound through an amplifier, connect red and white audio cables from R and L on the back of the recorder to audio in on your amplifier.

4b. For digital surround sound, you can connect a coaxial digital audio cable between the recorder and your amplifier, or

4c. Connect an optical digital audio cable between the recorder and your receiver.

5. Connect all power cords.

You Use an Analog Cable Box



1. Connect a TV antenna cable from your wall outlet to your cable box.

2. Connect another TV antenna cable from ANTENNA OUT on the cable box to ANTENNA IN on your recorder.

3. Connect one more TV antenna cable from ANTENNA OUT on the recorder to ANTENNA IN on your TV.

4a. Connect red, white, and yellow AV cable to your TV, and to VIDEO OUT, R, and L on the back of your recorder.

4b. For higher quality video, connect S-video cable to your TV's S-video in and the recorder's S-video out. You will need to make a separate audio connection. To hear sound from your TV, make an audio connection by following the instructions for 3a without the yellow video cable. To hear sound from speakers connected to an amplifier or receiver, follow the instructions for 5a, 5b, or 5c.

5a. For stereo sound through an amplifier, connect red and white audio cables from R and L on the back of the recorder to audio in on your amplifier.

5b. For digital surround sound, you can connect a coaxial digital audio cable between the recorder and your amplifier, or

5c. Connect an optical digital audio cable between the recorder and your receiver.

6a. To connect a VCR, use another AV cable to connect to the AV1 IN connections on your recorder, or

6b. Connect S-video out on the VCR to S-video in on the recorder, using the audio connections from 5a.

7. Connect all power cords.

Primary Settings

This DVD recorder can be set easily by using the ◄ ► ▲ ▼ buttons. To make selections, move the yellow highlight bar to the desired item with the navigation buttons and then press ENTER to confirm.

1. When the DVD recorder is turned on for the first time, the TV screen shows the following message:

```
Choose English menus
De Choose German menus

Press<ENTER> to continue
```

Press the ▲ ▼ direction keys to choose the menu language, then press ENTER to confirm.

2. Time and date:

```
Please set the time and
date:

AM/PM HH:MM     AM  00:00
MM/DD/YY        00/00/00

Completed
```

Use the ◄ ► direction keys to move the cursor. Use the ▲ ▼ direction keys to change to the correct the numbers. When you are finished setting the time and date, highlight "Completed" and press ENTER to confirm.

3. Selection of input signal:

```
Please select signal type:
Cable
Antenna
Skip
```

Use the ◄ ► direction keys to select the signal input source. Press ENTER to confirm or select "Skip" to complete this setting later.

The DVD recorder auto-searches the selected signal type to find channels. When finished, the screen shows:

```
Channel searching done!

To exit press <ENTER> key
```

4. Press ENTER to exit setup.

A glossary of important terms appears on page 51 of your manual.

NTSC/PAL & Progressive Scan

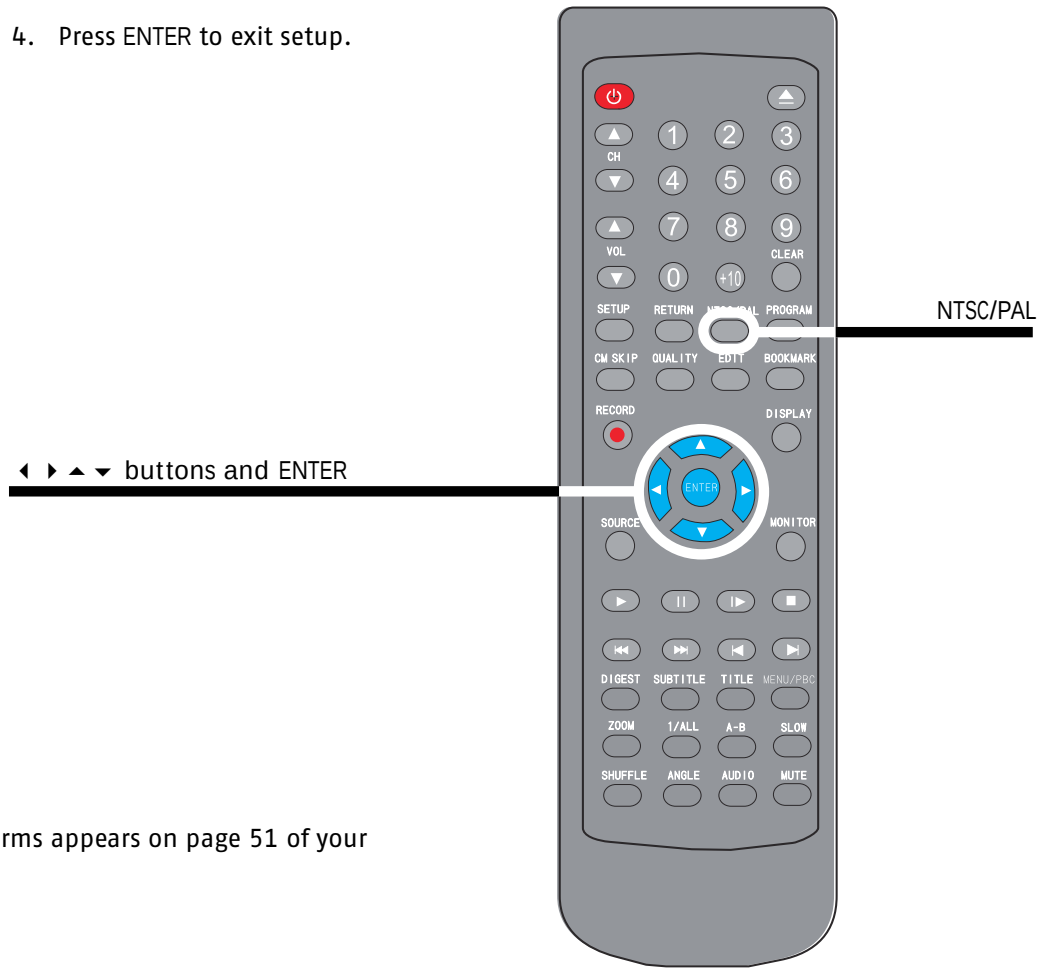
The NTSC/PAL button cycles between normal NTSC, NTSC progressive scan, and PAL viewing modes.

PAL/B is the TV-standard for TV broadcasts in Singapore.

NTSC Progressive Scan can be used with a component connection to a TV that supports progressive scan to watch DVD movies at a higher resolution.

NTSC is the TV-standard for North America and other areas. If you select NTSC, movies and television programs in Singapore will appear incorrectly on your screen.

If you accidentally put the DVD recorder into NTSC viewing mode, you will receive a very bad image on your TV. If you are having trouble displaying video properly, one of the first things to check is whether pressing the NTSC/PAL button fixes the error.



Preparing Discs for Recording

Compatible Discs

- Recordable Disc Types
  This unit can record to DVD+R and DVD+RW discs.
- Playable Disc and Media Types
  DVD Video, SVCD, DVD+RW, DVD+R, CD-R, DVD-RW, DVD-R, CD-RW, Audio CD, MP3, and JPEG.

We cannot guarantee that your recorded discs will play on another DVD player. Please check the manual for the other DVD player to make sure that it can play DVD+R and/or DVD+RW discs.

Although your DVD recorder can play DVD-R, music CDs, and MP3s, you can not use it to create these types of discs. You can only use it to record video – whether a TV broadcast or a home movie – to DVD+R or DVD+RW.

Disc Types

DVD+RW discs can be erased and copied over again, although this may reduce the quality of your recording. DVD+R discs cannot be copied over, and you cannot add new data to a DVD+R disc once it has been finalized (see the section "Editing Discs" starting on page 49).

You may not be able to record to a DVD+RW disc that already contains recordings from another DVD recorder or PC. If you are able to add a new recording to a disc from another DVD recorder, your recorder will rewrite the DVD menu. If the disc contains data from a personal computer, this data will be erased by your DVD recorder.

Initialize a New Disc

Your DVD recorder will automatically initialize a new DVD+R or DVD+RW disc the first time it is placed into the recorder. This takes about 1 minute, during which the TV screen shows READING. After the procedure is complete, the TV screen shows a blank title and indicates the recording capacity is 100%.

Recording TV

1. Place an initialized DVD+R or DVD+RW disc in the DVD recorder (see p. 38).
2. Select the channel you want to record.
3. Press MONITOR on the remote to switch to external input mode.
4. Press SOURCE to select the input source that you want to record. Press SOURCE multiple times to cycle through the options: CVBS1 > CVBS2 > S-VIDEO > CHANNEL
5. Press RECORD on the remote control or the front panel of the DVD recorder to start recording.
6. Press STOP ■ to stop recording. Please wait while the screen displays "WAIT." After 15 to 17 seconds, the screen displays "LIVE", and your recording is done.
7. Press MONITOR to switch to DVD mode. The recorded title will appear on the screen. Press ENTER to view your recorded video.

After recording, the following messages will also be stored:

- Record date and channel source.
- Record time.
- Recording length and recording mode.
- Recording index screen.

DVD+RW: These discs can be erased and recorded over.
DVD+R: These discs can be recorded and finalized only once. They cannot be erased and recorded over.

Pause recording

1. Press PAUSE II while recording to temporarily stop the DVD recorder from recording information. This may be useful for excluding sections that you do not want to record, such as TV commercials.
2. Press PAUSE II again to resume normal recording.

Chapters

Chapters can only be added after your recording has completed, not during the recording itself. Please see page 44 for more information about adding chapters.

Recording from Other Devices

Recording from a VCR or DVD Player

You can record the signal from external devices, such as a VCR, video camcorder (V8, Hi8), or DVD player onto DVDs using your DVD recorder.

1. Please confirm the external device is properly connected to the DVD recorder. See the connection diagrams beginning on page 13 for more information.
2. Place an initialized DVD+R or DVD+RW disc in the DVD recorder (see p. 38).
3. Press MONITOR on the remote to switch to external input mode.
4. Press SOURCE to select the source for your recording.

Input (Internal Tuner)	Screen Display (Channel)
AV 1 IN	CVBS 1
AV 2 IN	CVBS2
S-VIDEO	S-VIDEO
ANTENNA	CHANNEL

5. Press RECORD to begin recording.
6. Press STOP ■ to stop recording. Please wait while the screen displays "WAIT." When "WAIT" disappears from the screen, your recording is done.
7. Press MONITOR to switch to DVD mode. The recorded title will appear on the screen. Press ENTER to view your recorded video.

The DVD recorder will stop recording automatically if there is no signal from the input device (such as a blank part of a videotape or an interrupted TV signal).

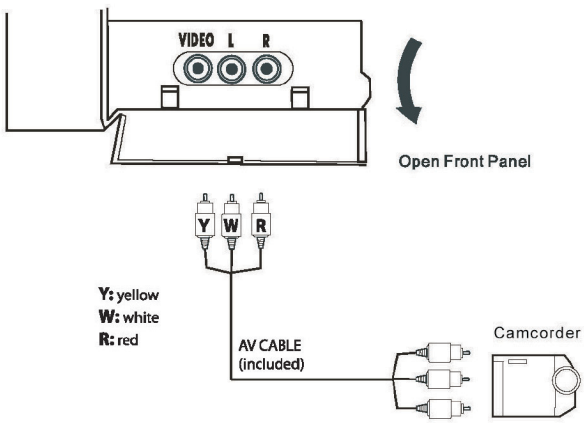
Recording from a Camcorder

1. Connect the red, yellow, and white AV output connectors from your camcorder to the AV input connectors on the front of your DVD recorder.
2. Place an initialized DVD+R or DVD+RW disc in the DVD recorder (see p. 38).
3. Turn on the camcorder and switch it to "VCR" mode.
4. Press MONITOR on the remote to switch to external input mode.
5. Press SOURCE to select the source for your recording.
6. Press RECORD to begin recording.
7. Press STOP ■ to stop recording. Please wait while the screen displays "WAIT." When "WAIT" disappears from the screen, your recording is done.
8. Press MONITOR to switch to DVD mode. The recorded title will appear on the screen. Press ENTER to view your recorded video.

Recording will stop automatically if there is no signal from the camcorder.

All recorded signals must be in DVD-SD format. Date and time information can't be recorded from a camcorder.

You can't record copy-protected discs or one-time duplicable discs.



Editing Discs

Erase Whole Disc

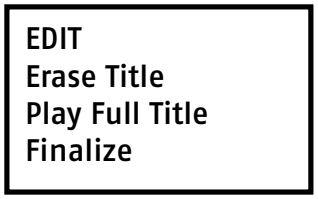
(DVD+RW only)

Press SETUP to enter the setup menu. Select Disc Media, then Erase.

Edit DVD Compatibility

If there is more than one edited title on disc, but it shows only one title when you try to play the disc, you must follow the following instructions to make the disc compatible.

1. Press TITLE on the remote control to enter the title menu. Use the ▲▼ buttons to select the title that you would like to play.
2. Press EDIT on the remote control. The screen will display the following edit options:



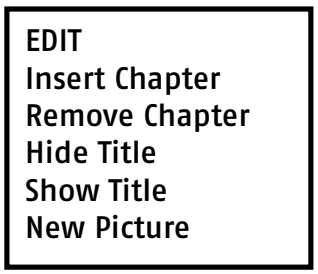
3. Use the ▲▼ buttons to select Finalize and press ENTER.

We can't guarantee that you can play your recorded DVD+R or DVD+RW on another DVD player. Check the instruction manual of the other DVD player in advance to confirm that it can play DVD+R or DVD+RW discs.

Insert Chapter

Use this feature to insert chapters into your DVD disc for easier navigation.

1. Play the title that you would like to split into chapters.
2. When you reach the point where you would like to insert a chapter, press EDIT on the remote control to show the edit menu.



3. Choose Insert Chapter and press ENTER to add a chapter.

Remove Chapter

Chapter marks can be deleted after recording.

1. While a movie is playing, press EDIT to show the edit menu.
2. Choose "Remove Chapter" to delete the chapter mark for the currently playing chapter. Press ENTER to confirm.

You can not insert or remove chapters on a DVD+R that has been finalized.

New Picture

You can choose any frame in a title to use as the index scene for that title. The index scene is displayed on the title menu.

1. Play the title until the frame that you want to use as your index picture appears, then press EDIT on the remote control.
2. Select "New Picture" and press ENTER.
3. Press TITLE to return to the title menu. The title will show the new picture.

Finalize a DVD+R

This function allows a DVD+R disc to be played on general DVD players. A finalized disc can't be recorded with new content or revised.

1. Press SETUP to enter the setup menu and select "Disc Media".
2. Select "Finalize" and press ENTER to execute.
3. The screen displays the status of the finalization and the remaining time required.

The time required for this function depends on the disc type, length of the recorded content and the quantity of the titles.